

Title (en)

DISPERSION RESINS CONTAINING ITACONIC ACID FOR IMPROVING WET ABRASION RESISTANCE

Title (de)

ITAKONSÄURE-HALTIGE DISPERSIONSHARZE ZUR VERBESSERUNG DER NASSABRIEBSFESTIGKEIT

Title (fr)

RESINES DE DISPERSION CONTENANT DE L'ACIDE ITACONIQUE ET PERMETTANT D'AUGMENTER LA RESISTANCE A L'ABRASION HUMIDE

Publication

**EP 1070101 A1 20010124 (DE)**

Application

**EP 99911795 A 19990315**

Priority

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- EP 9901690 W 19990315

Abstract (en)

[origin: DE19811314A1] An aqueous, pigment containing composition (I) comprises (A) a copolymer (P) of ethylenically unsaturated monomers (M) in the form of an aqueous polymer dispersion containing 0.1-1.5 wt.% (w.r.t (P)) of itaconic acid as an acidic monomer (M1), its salts and/or anhydride whereby upto 50 wt.% of the itaconic acid maybe replaced by another monomer having at least an acid group or neutralized acid group, and having a glass transition temperature, T<sub>g</sub> of ?-10-50 deg C. (B) an organic pigment (C) optionally inorganic filler and (D) conventional processing aids.

IPC 1-7

**C09D 5/02**; **C09D 17/00**; **C09D 7/12**; **C09D 151/00**

IPC 8 full level

**C08L 57/04** (2006.01); **C08F 2/44** (2006.01); **C08F 220/12** (2006.01); **C08F 222/02** (2006.01); **C09D 5/02** (2006.01); **C09D 7/12** (2006.01); **C09D 17/00** (2006.01); **C09D 133/06** (2006.01); **C09D 151/00** (2006.01)

CPC (source: EP US)

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